Facilities Notes 1/26

Nick met with the team to review his newest drafts, ones he’ll continue to modify now that he knows some of the educational and political pitfalls in his plans. We’re learning from him as he learns from us.

His plan costs an estimated $23 million, not counting the purchase/trade/hook-or-crook involved in securing the Beach property. What we’ve proposed will cost more, but he’ll need to study that. Regardless of what happens with the bond, construction here relies on Administration moving into new digs at the COT site.

Nick proposed having the back half of the courtyard become the cafeteria; we educated him.

Nick’s proposal showed rooftop learning on the north side of the new building; Dave argued the futility of gardens and solar on that side.

Nick continues to argue for garage doors adjoining each pair of rooms; we see that some pairs may use these, but it’s an imposition on space for many.

What we agree on now is building space. Nick has concerns about the green room that he’ll incorporate into his new plan. He sees the wisdom of the cafeteria facing the courtyard; the kitchen spaces need adjustment. Nick proposes all science classes on the second floor; he hadn’t considered the math move, so he’s reviewing our last draft. The roof of the current office space is insufficient for building or student access, but Nick sees it as great solar space, both for creation of electric and for tubes to create heat that will feed into our boiler system. The rooftops of additions will be accessible to students for learning spaces and appropriate for further construction, should that ever be necessary. Nick likes the new library layout, yet is unsure of the placement of the presentation space. The new stairwell where the old one existed will help traffic patterns; taking out the stairs along the north end of the old building will increase classroom space.

As always, these are proposals. I’m encouraged that we’re getting closer.

“Luck is what happens when preparation meets opportunity.”

Seneca the Younger

Hellgate’s Vision (Lisa):

In keeping with MCPS 21st century educational goals, Hellgate staff has identified specific elements of the building to save and alter.

We need to maintain the architectural façade of the building. We need to encourage students to make use of our key location through accessing core services available downtown: Bike/Bus/Walk access, banking and finance internships, culinary internships, dual credit with University programs, integration with UM international studies, collaboration with NCBI and other nonprofits to promote acceptance of diversity, …

The areas requiring alteration through this bond appear below:

Safety (Karen)

Office move

Identifiable/secure entry

Cameras in parking/entries

Secured doors

Solar lights at intersections/in parking

Gerald one-way with bus loading zones

Net Zero (Dave)

Solar atop existing buildings

Heat

Electricity

Solar/gardens atop new rooftops in outdoor educational spaces

Motion sensor lighting for energy savings

STE(A)M building (Dave)

CTE/Pathways

Math/Science collaboration space

Appropriate art space

Creation

Gallery

Centralized Media/Presentation (Shaun or Julie)

Central to instruction, learning, common space

Technology for all --- predicated by MCPS moving technology into 21st century (Beth)

Bandwidth

Wireless

Infrastructure

Devices by department

Approximately nine million dollars of this budget represents deferred maintenance (Bill)

50-year-old boiler

Rooms with only 2-3 outlets

Leaking roofs

Unusable spaces due to size, ventilation, etc.

Refurbishing gym ceiling currently in disrepair

Title IX infractions to be remedied